JIZ SERIES
ELECTRIC DRILL

INSTRUCTIONS FOR
OPERATION & MAINTENANCE

I . FEATURE & USE

J1Z HANDLE ELECTRIC DRILL is a handle electric tool with two-fold insulation, drived by the series generation. Its features are small in volume, light in weight, convenient to catch etc. It can be used in places which is moist and narrow. It can be used in the workshop with good conduct electricity, such as work high above the ground or metal frame etc.

II . TECHNICAL PARAMETER

TYPE	DATED VOLTAGE	FREQUENCY	RATED INPUT POWER	ROTATION	MAXIMUM DOF DRILL	NET
J1Z-6	220V~110V	50 ~ 60Hz	240W	2200r/min	ϕ 6mm	1.1kg
J1Z-6.5	220V~110V	50 ~ 60Hz	230W	3400r/min	ϕ 6mm	1kg
JIZ-10C	220V~110V	50 ~ 60Hz	260W	2800r/min	ϕ 6mm	1.3kg
J1Z-10	220V~110V	50 ~ 60Hz	400W	2700r/min	ϕ 6mm	1.4kg
J1Z-13	220V~110V	50 ~ 60Hz	450W	1600r/min	ϕ 6mm	2.5kg

II . INSTRUCTION OF SAFETY, USE MAINTENANCE

Read the explanation following before the tool got through power.

SAFETY

1. Be sure to carry out strictly the relevant rules in GB 3387 **THE TECHNICAL RULESONMANAGEMENT, USE, CHECKINC AND SAFE MAINTENANCE OF THE HANDLE ELECTRIC TOOLS**. Otherwise you must obey ourexplanation first.

2. **REGULARIZING WORKPIECE** The workpiece to be drilled. must be regularized and pay more attention to it when it is drilled through.

3. Use the plug correctly without changing the plug as one please and pluging the outlet with bare conducting wire directly not using the plug. Be sure to take off the plug in time.

4. Not to use power wire without limited. Be sure not to lengthen or change the power wire, not to carry the power wire touch heat source and oil. Prevent the wire from being damaged.

OPERATION

1. **USE ASSIGNED VOLTAGE** The voltage in the circuit must be not more than 10% at the data plate assignment before using it.

2. **CHECK BEFORE BEING USED** Let the tool have nonloading for one minute and see whether the function of the transmission position is flexible and there is abnormal noise and the scraws become flexible and fall off and the inverting sparkle is normal or not.

3. **PREVENT THE TOOL FROM OVERLOAD** The head of the drill must be sharp. When you are drilling, you should not be too tough. If the rotation speed is reduced abnormally, you should reduce to exert yourself. If the drill stops suddenly or gets stuck, you must turn off the power.

4. **CHANGE THE BRUSH IN TIME** If the brushes are too damaged to use, change them both at the same time, otherwise the brushes and the inverter will be in loose contact even sparkle around or the inverter can be damaged. Sometimes the armature would be burnt.

5. It can not be used in the following condition, If you find the insulate is damaged, the power wire or electric cable case is broken, the plug and outlet is broken, and it works continually the sparkle appears seriously etc, you should repair immediatly. It can not be used before being repaired.

6. **USE THE TOOL CAREFULLY** The tool used should be placed softly in order not to be shocked.

MAINTENANCE:

1. **ADD OIL IN IT OF TEN** The drill is a speed working tool. The lubricating grease is volalilized easily so the grease in reduction case and bearing must often be kept clean and add or change it anytime needed.

2. **CHECKING AND MAINTENANCE ON IT FREQUENTLY** The drill should be checked, repaired day to day and see whether the power wire, the inter wirmg, the plug and the switch work well or not. Pay attention to everything such as whether the insulation resistance works normally, the handle is flexible, the inverter and brushes are well contacted, the armature winding and the stator winding are in short circuit or broken circuit, and the bearing, the other moving parts are damaged etc.

3. **EACH PART SHOULD BE WELL KEPT AND WHEN YOU WANT TO CHANGE THE PART, USING THE SAME ONES** When the drill needs taking apart and checking, do keep each part including insulation liner and casing pipe. If they are damaged you must change the new one and the same one. Be sure not to use the substitution materials which is worse than one one used and the part which does not agress with the standard When fixing, you must put the parts in their proper position as usual and shoulu not omit any of them .

4. **BE CAREFUL OF THE INSULATION RESISTANCE** The drill not to be used for long or to have been used in damp condition must be tested in its winding of the insulation resistance with a 500 milion ohm meter. If the winding and iron center is less than 2 milion ohms, you must make drying treatment to the winding until more than 2 milion ohms.

5. **STORED CAREFULLY** The drill should be kept in a dry clean place and without any corrosive gases.

Ⅳ. ACCESSCRIES

If the drill manufactured by our factory is damaged or can not

work no mally for the quality, we will repair it free within one year since the date of manufacture or being bought within six months.

Note: To be sure obey the rules and use and keep it correctly and disassemble by yourself except to change the brushes.

FOLLOWING CARD FOR QUality using Circumstances

Name	
Address	
Contacter	
Tel	
Place for buying	
Date of getting into factory	
Time of using	
Type	
Standard	
Date of manufacture	

Item No.	Part Name	Item No.	Part Name
1	Chuck	13	Armature
2	Box wrench	14	Ballbearing
3	Bearing cap	15	Windguard
4	Front cover	16	Stator Ass'y
5	Output Spindle	17	Housing ass'y
6	Ball bearing	18	Carbon brush
7	Woodruff key	19	Brush holder
8	Spiral bevel gear	20	Handle coverass'y
9	Retaining ring	21	Switch(A)
10	Needle bearing	22	Electric cable pressboard
11	Cover	23	Cord Armor
12	Ball bearing	24	Non detachable flexible cable